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Enforcement and Compliance
Assurance Division

CERTIFIED MAIL 7015 3010 0001 0420 4723
RETURN RECEIPT REQUESTED

August 14, 2019

US EPA, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

STATELINE NO.1 GAS PLANT
PERMIT TO OPERATE NO. T5-O15012 ISSUED 2/24/2016, RENEWAL DUE 2/24/2021
NSPS SUBPARTS KKK, OOOO, and OOOOa SEMIANNUAL MONITORING REPORT

Dear Director:

ONEOK Rockies Midstream, L.L.C. (ORM) submits the attached New Source Performance Standards (NSPS) Leak Detection and Repair (LDAR), Subparts KKK, OOOO, OOOOa, Report for the Stateline No.1 Gas Plant located in Williams County. This report is submitted for monitoring conducted from **January 1, 2019** through **June 30, 2019**.

Please call Teresa Merrill at (701) 339-3352 or me at (918) 591-5009 if you have any questions regarding this report.

Sincerely,

(b) (6)

W. Parke Moore
Corporate LDAR Program Manager

Attachments: Stateline No. 1 Gas Plant - Semiannual LDAR Monitoring Report

cc: *CERTIFIED MAIL 7015 3010 0001 0420 4730*
RETURN RECEIPT REQUESTED
Jim Semerad
North Dakota Department of Environmental Quality
Division of Air Quality
918 E Divide, 2nd Floor
Bismarck, ND 58501-1947

Note: Cover letter only to NDDEQ. Report submitted to NDDEQ as Attachment C of this period's SAR.

K. Rudningen / T. Merrill / T. Schwarz / A. Hernandez / D. Roensch / R. Brown (pdf)
Tulsa Environmental Files - Stateline GP - ND\2.0 Air Files\2.3 Compliance Reporting\SAR\LDAR SAR\SLI [2019-8_SL]

ONEOK Rockies Midstream
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

CERTIFICATION
FOR
NSPS SUBPARTS KKK, 0000, 0000a LDAR MONITORING REPORT
JANUARY 1, 2019 through JUNE 30, 2019

Facility Name: Stateline No. 1 Gas Plant

Facility Permit No.: PERMIT TO OPERATE NO. T5-O15012 ISSUED 2/24/2016, RENEWAL DUE 2/24/2021

Facility Location: SW/4 Sec. 21, T155N, R103W, Williams County, ND

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Name of Responsible Official (print or type): David C. Roensch

Title: Vice President – NGGP Operations

Signature: (b) (6)

Date: 8/9/19

**ONEOK Rockies Midstream
Stateline No. 1 Gas Plant**

NSPS SUBPARTS KKK, OOOO, and OOOOa

LDAR MONITORING REPORT

JANUARY 1, 2019 through JUNE 30, 2019



July 19, 2019

Ms. Teresa Merrill
Environmental Specialist
ONEOK Rockies Midstream
896 25th Street SE
Sidney, MT 59270

RE: Semiannual Leak Detection and Repair (LDAR) Monitoring Report, Stateline I Natural Gas Facility, Williams County, North Dakota

Dear Ms. Merrill:

During January 1 through June 30, 2019, Trihydro Corporation (Trihydro) completed routine monthly monitoring for fugitive emissions as required for the LDAR program at the ONEOK Rockies Midstream Stateline I (Stateline I) natural gas processing facility located in Williams County, North Dakota. Monitoring activities were completed to satisfy the requirements of the New Source Performance Standards (NSPS) Subpart KKK, Subpart OOOO, and Subpart OOOOa regulations. This report serves as the documentation required for submittal to the regulatory agencies for the January through June 2019 monitoring period.

NSPS Subpart KKK, OOOO and OOOOa Requirements

Subparts KKK, OOOO, and OOOOa require that a semiannual report be submitted for each process unit and month within the reporting period. The semiannual report must include:

- The number of valves, pressure relief devices (PRDs), pumps, compressors, and connectors (OOOO and OOOOa) for which leaks were detected.
- The number of valves, PRDs, pumps, compressors, and connectors (OOOO and OOOOa) for which leaks were not repaired as required or placed on the delay-of-repair (DOR) list.
- The facility is required to report the reason for each DOR, the dates of process unit shutdowns that occurred within the reporting period.
- Revisions to the component inventory.

Results

The Stateline I facility consists of seven process units subject to the Subpart KKK regulation, one process unit subject to the Subpart OOOO regulation, and two process units subject to the Subpart OOOOa regulation. Trihydro personnel monitored components in volatile organic compound service and wet gas service, in accordance with United States Environmental Protection Agency Method 21 protocol.

ATTACHMENT A

**EQUIPMENT LEAK REPORT,
DELAY-OF-REPAIR COMPONENTS, AND
REVISIONS TO THE PRIOR INVENTORY**



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - KKK

ONEOK - Stateline

Site: STATELINE I

Unit: CONDENSATE STABILIZATION

# Components:	Valves:	337	Pumps:	0	Compressors:	0	PRVs:	11
# Added:		0		0		0		0
# Perm. OOS:		0		0		0		0
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
January 2019	1	0	0	0	0	0	0	0
February 2019	1	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0
April 2019	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0
June 2019	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - KKK

ONEOK - Stateline

Site:

STATELINE I

Unit:

CONDENSATE STORAGE/LOADING

# Components:	Valves:	203	Pumps:	2	Compressors:	0	PRVs:	10
# Added:		0		0		0		0
# Perm. OOS:		0		0		0		0
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
January 2019	0	0	0	0	0	0	0	0
February 2019	0	0	1	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0
April 2019	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0
June 2019	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - KKK

ONEOK - Stateline

Site: STATELINE I

Unit: CRYO

# Components:	Valves: 823		Pumps: 7		Compressors: 0		PRVs: 41	
# Added:	2		0		0		0	
# Perm. OOS:	2		0		0		0	
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
January 2019	0	0	0	0	0	0	0	0
February 2019	2	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0
April 2019	0	0	0	0	0	0	0	0
May 2019	1	0	0	0	0	0	0	0
June 2019	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - KKK

ONEOK - Stateline

Site: STATELINE I

Unit: FLARE

# Components:	Valves:	22	Pumps:	2	Compressors:	0	PRVs:	4
# Added:		0		0		0		0
# Perm. OOS:		0		0		0		0
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
January 2019	0	0	0	0	0	0	0	0
February 2019	0	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0
April 2019	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0
June 2019	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - KKK

ONEOK - Stateline

Site: STATELINE I

Unit: METHANOL

# Components:	Valves: 61		Pumps: 2		Compressors: 0		PRVs: 2	
# Added:	0		0		0		0	
# Perm. OOS:	0		0		0		0	
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
January 2019	0	0	0	0	0	0	0	0
February 2019	0	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0
April 2019	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0
June 2019	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - KKK

ONEOK - Stateline

Site:

STATELINE I

Unit:

PRODUCT STORAGE

# Components:	Valves: 187		Pumps: 6		Compressors: 0		PRVs: 9	
# Added:	0		0		0		0	
# Perm. OOS:	0		0		0		0	
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
January 2019	0	0	0	0	0	0	0	0
February 2019	0	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0
April 2019	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0
June 2019	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - KKK

ONEOK - Stateline

Site: STATELINE I

Unit: REFRIGERATION

# Components:	Valves: 426		Pumps: 4		Compressors: 0		PRVs: 19	
# Added:	1		0		0		0	
# Perm. OOS:	0		0		0		0	
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
January 2019	0	0	0	0	0	0	0	0
February 2019	0	0	0	0	0	0	0	0
March 2019	0	0	0	0	0	0	0	0
April 2019	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0
June 2019	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - OOOO

ONEOK - Stateline

Site: STATELINE I

Unit: INLET

Count:	Valves:	346	Pumps:	0	Compressors:	0	PRVs:	5	Connectors:	269
# Added:		0		0		0		0		14
# Perm. OOS:		0		0		0		0		8
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
Jan 2019	3	0	0	0	0	0	0	0	0	0
Feb 2019	0	0	0	0	0	0	0	0	0	0
Mar 2019	0	0	0	0	0	0	0	0	0	0
Apr 2019	3	0	0	0	0	0	0	0	1	0
May 2019	1	0	0	0	0	0	0	0	0	0
Jun 2019	0	0	0	0	0	0	0	0	1	1

Delay of Repairs:

Area:	Tag:	Leak Date:	Repair Date:	Type:	Reason:
NA	57049-T01	6/4/2019	Not Repaired	CON	REPAIR IS TECHNICALLY INFEASIBLE W/O A SHUTDOWN

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, Rule: NSPS - 0000a

ONEOK - Stateline

Site: STATELINE I

Unit: NGL METER RUN

Count:	Valves:	163	Pumps:	0	Compressors:	0	PRVs:	0	Connectors:	510
# Added:		0		0		0		0		0
# Perm. OOS:		0		0		0		0		0
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
Jan 2019	0	0	0	0	0	0	0	0	0	0
Feb 2019	0	0	0	0	0	0	0	0	0	0
Mar 2019	0	0	0	0	0	0	0	0	0	0
Apr 2019	0	0	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0	0	0
Jun 2019	0	0	0	0	0	0	0	0	0	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.



Semi-Annual Report

From: 1/1/2019 To: 6/30/2019, All Rules

ONEOK - Stateline

Site: STATELINE I

Unit: DEETHANIZER

Count:	Valves:	497	Pumps:	2	Compressors:	2	PRVs:	8	Connectors:	5496
# Added:		189		2		2		5		424
# Perm. OOS:		164		4		2		0		291
Month:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:	Leaking:	Not Repaired in Repair Period:
Jan 2019	0	0	0	0	0	0	0	0	0	0
Feb 2019	0	0	0	0	0	0	0	0	0	0
Mar 2019	0	0	0	0	0	0	0	0	0	0
Apr 2019	0	0	0	0	0	0	0	0	0	0
May 2019	1	0	0	0	0	0	0	0	8	0
Jun 2019	0	0	0	0	0	0	0	0	2	0

Delay of Repairs:

No Delay of Repairs Performed.

Late Repairs:

No Late Repairs.

ATTACHMENT B
EPA CDX REPORTING TABLE

An owner or operator must include the following information in the initial semiannual report in addition to the information required in §60.487a(b)(1) through (4): Number of pressure relief devices subject to the requirements of §60.5401a(b) except for those pressure relief devices designated for no detectable emissions under the provisions of §60.482-4a(a) and those pressure relief devices complying with §60.482-4a(c).

The asterisk (*) next to each field indicates that the corresponding field is required.

EQUIPMENT INFORMATION					
Facility Record No. * (Select from dropdown list)	Process unit Identification * (§60.487a(b)(1))	Number of pressure relief devices * (§60.5422a(b))	Number of valves, excluding those valves designated for no detectable emissions * (§60.487a(b)(2))	Number of pumps, excluding those pumps designated for no detectable emissions and those pumps complying with §60.482-2a(f) * (§60.487a(b)(3))	Number of connectors * (§60.487a(b)(5), §60.5422a(a))
	e.g.: HVDry-1a	e.g.: 5	e.g.: 5	e.g.: 5	e.g.: 5
	1 DEETHANIZER	8	497	2	5496
	1 NGL METER RUN	0	163	0	510

An owner or operator must include the information specified in paragraphs (c)(1) and (2) of this section in all semiannual reports in addition to the information required in §60.487a(c)(2)(i) through (vi): (1) Number of pressure relief devices for which leaks were detected as required in §60.5401a(b)(2); and (2) Number of pressure relief devices for which leaks were not repaired as required in §60.5401a(b)(3).

The asterisk (*) next to each field indicates that the corresponding field is required.

EQUIPMENT INFORMATION									
Facility Record No. * (Select from dropdown list)	Month Identification* (Select from dropdown list)	Number of pressure relief devices for which leaks were detected * (§60.5422a(c)(1))	Number of pressure relief devices for which leaks were not repaired * (§60.5422a(c)(2))	Number of valves for which leaks were detected * (§60.487a(c)(2)(i))	Number of valves for which leaks were not repaired * (§60.487a(c)(2)(ii))	Number of pumps for which leaks were detected * (§60.487a(c)(2)(iii))	Number of pumps for which leaks were not repaired * (§60.487a(c)(2)(iv))	Number of connectors for which leaks were detected * (§60.487a(c)(2)(vi), §60.5422a(a))	Number of connectors for which leaks were not repaired * (§60.487a(c)(2)(viii), §60.5422a(a))
		e.g.: 5	e.g.: 5	e.g.: 5	e.g.: 5	e.g.: 5	e.g.: 5	e.g.: 5	e.g.: 5
	1 January	0	0	0	0	0	0	0	0
	1 February	0	0	0	0	0	0	0	0
	1 March	0	0	0	0	0	0	0	0
	1 April	0	0	0	0	0	0	0	0
	1 May	0	0	1	0	0	0	8	0
	1 June	0	0	0	0	0	0	2	0